

DESCRIPTION

The DERAY®-WorkMan TP is a hot air shrink equipment designed to process heat shrink tubes onto a wide variety of applications.

The universal machine can be used for both pre-assembly and wire harness series production purposes.

FEATURES AND BENEFITS

- High application variety through various shrink chamber sizes
- Quick-change system of shrink chambers for minimal process interruption
- Customization of fixtures for optimal process results
- Simple and easy handling via Siemens touch panel
- Automatic selection of process parameters via USB scanner or manually via touch panel
- Adjustable parameters: Shrink and cooling time, temperature control via Siemens PLC
- Password protected programming mode
- Day cycle and total cycle counter
- Selection of system language: English, German, Spanish, Mandarin, French, Polish, Romanian, Czech (others on demand)
- CE and RoHs conformance



Up to 125

DATA SETS STORABLE

Ø 30–80 mm

SHRINK CHAMBERS AVAILABLE

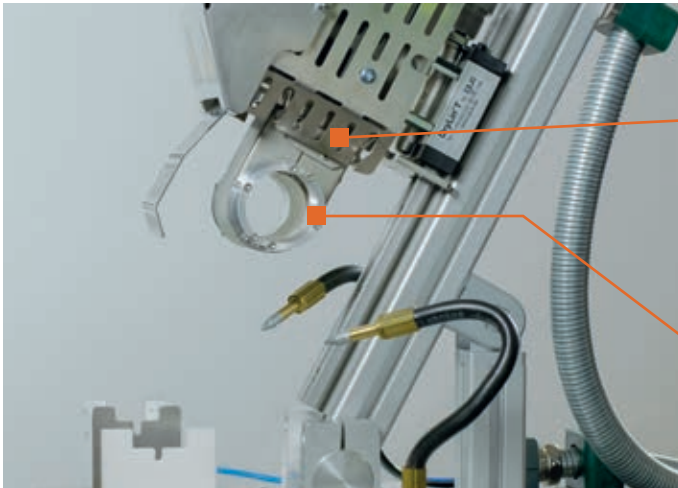
HIGH APPLICATION VARIETY

APPLICATIONS:

Air conditioning pipes, brake pipes, cable bundle sealing, seatbelt buckles, connectors, battery cables, end splices, Y Splices for HV

APPLICATION SAMPLE:





High application variety through various shrink chamber sizes



Uniform heat distribution via closing shrink chambers

OPERATION

The heat shrink covered object must be fixed in the holding device. The shrink parameters can be selected either manually or by means of a scanner. Then the shrink process is started by using both hands for safety reasons. The mobile shrink unit automatically moves to the operating position and the shrink process begins. Opening and closing of the shrink chamber takes place pneumatically. In addition, an after cooling time or a continuous cool time can be selected. Once shrinking is complete, the mobile shrink unit returns to its ready position.

 Watch our video demos on www.dsgcanusa.com

ORDER INFORMATION

DERAY®-WorkMan TP

HEAT SHRINK PRODUCTS & SIZES

DSG-Canusa heat shrink products

- Maximum tubing diameter up to 70 mm
- Maximum tubing length up to 210 mm

For other products and sizes contact DSG-Canusa Application Engineering.

SCOPE OF DELIVERY

- Shrink equipment
- Control unit
- One shrink chamber
- 2-hand safety start button
- Operating manual: English, German, French, Romanian (others on demand)

ACCESSORIES

- USB scanner
- Additional shrink chamber sizes
- Calibration Kit

TECHNICAL DATA

PROPERTY	
Electrical connection	1/N/PE AC 230 V 50-60 Hz
Electrical current consumption	approx. 1.1 kW/h at 275 °C shrink temperature
Electrical power consumption	max. 3.6 kW
Rated current	16 A
Electrical fuse protection at the owner	16 A
Degree of protection	Control unit: IP 54 Shrink head: IP 20
Shrink temperature	150 °C - 300 °C (302 °F - 572 °F)
Pneumatic connection	6 - 8 bar (90 - 115 psi)
Pneumatic work pressure	5 bar (72 psi)
Compressed air consumption	150 - 180 ltr/min (5.3 - 6.4 cfm)
Heating air shrink chamber adjustable	0.5 - 1.0 bar (7.3 - 14.5 psi)
Ambient temperature	10 °C - 45 °C (50 °F - 113 °F)
Sound pressure level	approx. 67 dB(A)

Dimensions and weight	
Shrink equipment	w 350 x h 770 x d 510 mm w 13.8 x h 30.3 x d 20 in 18 kg (39.7 lbs)
Control unit	w 600 x h 470 x d 340 mm w 23.6 x h 18.5 x d 13.4 in 19 kg (41.9 lbs)